

Amendments to the Specification

Please replace paragraph [00019] at page 5 with the following rewritten paragraph:

[00019] We discovered that some polymeric compounds enable the preparation of stable aqueous suspensions of single carbon nanotubes. ~~Without committing~~ Without committing ourselves to any particular theory, based on our experimental findings (presented in the figures), we suggest that polymers, preferably hydrophilic polymers, adsorb to the carbon tubes and induce an inter-tube repulsion. This prevents their aggregation, and enables the exfoliation of the carbon nanotubes, and the formation of a suspension comprising well separated, polymer-coated single tubes.